

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/709,265	VAN ERK, WILLEM	
	<b>Examiner</b>	<b>Art Unit</b>	
	Elizabeth Keane	2882	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to request for continued examination filed 8 October 2004.
2. ☒ The allowed claim(s) is/are 1-7 and 10-15.
3. ☒ The drawings filed on 09 November 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|--|

### **DETAILED ACTION**

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8 October 2004 has been entered.

#### ***Allowable Subject Matter***

Claims 1-7 and 10-15 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

Re claims 1 and 2: The best prior art of record discloses a high-pressure gas discharge lamp comprising: a quartz glass lamp vessel which is closed in a gas tight manner, with a space which is enclosed by a wall and in which a pair of electrodes is arranged; an outer surface of the wall extending between the pair of electrodes; and a filling provided in the space and comprising a rare gas, a mercury buffer gas and halides of tin and indium, wherein the wall has a wall load of at least  $30 \text{ W/cm}^2$  at its outer surface, and in that the filling further consists essentially of an alkali metal halide with at least one alkali ion and at least one halide ion, the alkali ion being chosen from the group formed by potassium, rubidium, and cesium, and the halide ion being chosen

Art Unit: 2882

from the group formed by chlorine, bromine, and iodine. However, the prior art fails to teach or fairly suggest a high-pressure gas discharge lamp wherein rare earth halides are excluded from the filling, as claimed in claim 1. Claims 2,5 and 6 are allowable by virtue of their dependence.

Re claim 4: The best prior art of record discloses a high-pressure gas discharge lamp comprising: a quartz glass lamp vessel which is closed in a gastight manner, with a space which is enclosed by a wall and in which a pair of electrodes is arranged; an outer surface of the wall extending between the pair of electrodes; and a filling provided in the space and comprising a rare gas, a mercury buffer gas and halides of tin and indium, and wherein the wall has a wall load of at least  $30 \text{ W/cm}^2$  at its outer surface, and in that the filling further consists essentially of an alkali metal halide with at least one alkali ion and at least one halide ion, the alkali ion being chosen from the group formed by potassium, rubidium, and cesium, and the halide ion being bromine. However, the prior art fails to teach or fairly suggest a high-pressure gas discharge lamp whereby rare earth halides are excluded from the filling, as claimed in claim 4.

Re claims 3,7 and 10-15: Allowable for reasons set forth in the Office Action mailed 14 July 2004.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

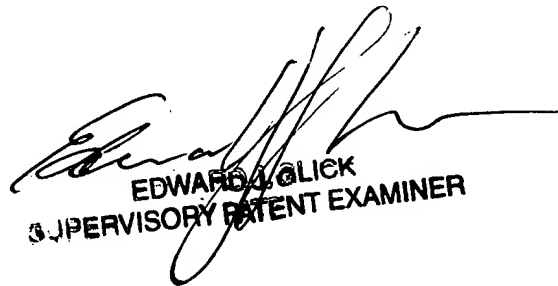
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Elizabeth Keaney whose telephone number is (571)272-2489. The examiner can normally be reached on Monday-Thursday 5:30-4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ed Glick can be reached on (571)272-2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

emk

emk

  
EDWARD GLICK  
SUPERVISORY PATENT EXAMINER